

# CONSERVATION COMMISSION

## 2003 Report of Accomplishments

### Water Quality Implementation Grants Program



#### Bill Language - Summary

- The purpose of the Water Quality Implementation Grants Program is to provide funding to conservation districts to plan, design, and implement best management practices, as well as provide outreach activities to control non-point water pollution. These practices must meet the technical standards and specifications of the USDA Field Office Technical Guide. Practice design is done by State Licensed Engineers employed by the districts, or USDA Engineers.



#### Source of Funding

- \$3.5 million for the 2003-05 Biennium from the State Building Construction Account

#### Distribution of 2003-05 Water Quality Implementation Grants

- Funding levels for applicants are determined by regional committee evaluations.
- Two funding levels, with the higher level being 30% above the lower level, are distributed.
- Application that dedicate 60% or more of total project costs to fund implementation activities receive the higher funding level.
- These are two year grants in the amounts of \$70,652 (higher level funding) and \$54,348 (lower level funding).
- Water Quality Implementation Grants are available only to conservation districts that demonstrate program and money management ability by meeting the Management Standards adopted by the Conservation Commission.
- Grant Budgets:

District Technical Assistance to Landowners	\$1,619,265
District Financial Assistance to Landowners	\$804,128
District Marketing / Outreach Activities	\$330,907
District Project Evaluation / Monitoring	\$147,545
District Other Activities	\$19,016
District Grant Administration	\$454,139
Statewide Envirothon Administration	\$20,000
Commission Program Administration (1 FTE)	\$105,000
<b>Total</b>	<b>\$3,500,000</b>

#### Rollup of 48 Conservation Districts' Accomplishments (07/01/03 through 12/31/03)

Total number of direct / indirect district contacts made with individuals	302,345
Of the total contacts, number of individuals who initiated conservation plans or practices on their own	858
Of the total contacts, number of individuals who initiated conservation plans or practices using district technical and / or technical assistance	1,068
Total number of conservation / farm plans completed	558
Total number of cooperators who implemented BMPs	679
Total number of BMPs implemented	802
Of the implemented BMPs, total number of acres that will no longer contribute to surface or groundwater pollution	56,859.6

### Rollup of 48 Conservation Districts' Accomplishments (continued)

Of the implemented BMPs, total number of stream miles protected, enhanced or restored	8,030.58
Total grant amount spent	\$496,570.12
Total grant amount spent on technical assistance to cooperators	\$263,995.55
Total grant amount spent on cost share to cooperators	\$64,387.13
Amount of other funding leveraged with this grant	\$434,422.05

### Individual Conservation District 2003 Accomplishments

- Adams Conservation District
  - *Distribution of funds within 4 WRIA's requires a prioritization between dry land-irrigation and-range conservation concerns, while recognizing the diversity associated within each agriculture sector of responsibility.*
  - *"Off site" water needs for 15 cooperators within the 280,000 acre Cow Creek drainage area has become a primary focal point for addressing some of the larger animal feeding operations on a tributary, that impacts water into a river currently listed on the 303d list. This off site water effort is a "first defensive posturing line" needed to begin fencing and riparian enhancement projects that will inevitably restrict 1000's of beef animals and improve upland wildlife that exist within this watershed.*
  - *The installation of sediment containment structures or grassed waterway systems restricts the passage of sediment to the local lakes and streams.*
- Asotin County Conservation District
  - *360 acres of 2 year direct seed, 2 spring developments, 2 troughs, 2 multipurpose ponds, 4000 feet of riparian fence, 3800 feet of terraces, 2640 feet of grass waterway, 1 acre of critical area planting, 22.5 acres of pasture/hayland planting. Technical assistance was provided for BMPs implemented.*
- Benton Conservation District
  - *375 samples from 3 main tributaries of Yakima River*
  - *21 samples from Yakima River mainstem*
  - *1 volunteer assists with sampling on weekly basis*
- Central Klickitat Conservation District
  - *Central Klickitat CD paid out \$23,211 in cost sharing water quality improvement projects. These included converting wheat/fallow ground to permanent cover, erosion seeding following a major wildfire, and converting from conventional farming to direct seeding or no-till farming.*
  - *Provided technical assistance and financial assistance in the form of cost sharing to 5 landowners who converted 292 acres from winter wheat/fallow to permanent cover. Cost share of \$9471 was provided.*
- Chelan County Conservation District
  - *Assisted landowners in reseeding 2,100 acres of private land after the Lake Chelan area Deer Point Fire. The District served as the point of contact for 150 landowners and secured landowner agreements for a joint rehabilitation project with the US Forest Service.*
  - *Five Conservation Plans and two planting recommendations developed. Plans include 14 different Best Management Practices, ranging from 1/2 acre to 90 acres per practice.*
  - *Eight Best Management Practices implemented, including one micro system irrigation upgrade (1 acre), irrigation water management (16.9 acres), nutrient management (57.9 acres) and pest management (72.5 acres).*
  - *40 acres forest land replanted as a result of annual tree sale.*
  - *Riparian plantings completed on one culvert replacement site and one county construction site.*
  - *Support and assistance provided for the Local Work Group process identifying priority resource concerns and ranking information for federal Farm Bill programs. Information and assistance provided for EQIP signup; three informational meetings held; 120 landowners assisted;*

applications received from 98 cooperators. \$700,000 in federal funds was distributed in the region.

- Technical assistance, soils information and data provided to the public and various agencies.

- Clallam Conservation District

- Stabilized 1,200 feet of Siebert Creek streambank.
- One silage leachate collection system installed and ¼ acre of heavy use area protected to protect groundwater contamination.
- Participation in watershed planning processes in three Water Resource Inventory Areas, participation in NRCS Local Work Group process, and assistance in development of Matriotti Creek/Lower Dungeness TMDL report.
- Publication of quarterly newsletter and distribution to 1,400 households; over 800 contacts made at fairs and other public outreach events; organized and conducted local Envirothon competition.

- Clark Conservation District

- 10,795 native trees and shrubs planted to enhance fish and wildlife habitat. This also acts as a nutrient filter before waste water enters the creeks.
- 4,212 linear feet of livestock exclusion fence was constructed to keep horses and cattle from entering Lockwood Creek and the East Fork Lewis River. This fence protects approximately 25 acres of stream buffer.
- A roof runoff system was installed to protect Salmon Creek from sediment and nutrient loading due to water runoff through livestock pastures.

- Columbia Conservation District

- Provided support for 6 producers to transition to an no-till/minimum-till rotational system on 1,037 acres of production cereal grain resulting in potential soil savings of 14,055 tons.
- Provided support for installation of 4 grass waterways located on both sides of the break between the Tucannon and Touchet watersheds. Total size is 2,676 feet draining 148 acres. Benefit is a retention of soil at it source and a reduction concentrated gully erosion and soil transport to surface waters.

- Cowlitz Conservation District

- Assisted 225 walk-in/call-in customers, conducted 52 field visits with landowners, prepared 13 conservation plans, and assisted eight landowners with cost share to improve natural resources.
- Continued to monitor stream and air temperature in priority watersheds to assist with the TMDL process. Thirty-two stream temperature sites and six air temperature sites were managed in Cowlitz County watersheds.

- Eastern Klickitat Conservation District

- Eastern Klickitat CD paid out \$7067 in cost sharing water quality improvement projects. These included converting wheat/fallow ground to permanent cover, erosion seeding following a major wildfire, and converting from conventional farming to direct seeding or no-till farming.
- The trees and shrub program helps area landowners implement their Best Management Practices on their land using conservation practices required for certain CRP and Continuous CRP contracts, as well as CREP for qualifying streams.
- The Forest Incentive Program (FIP) paid for a significant amount of reforestation this fiscal year, and the district assisted with some technical aspects of that program.

- Ferry Conservation District

- One project treated over one-half mile of the Kettle River, increasing habitat for both fish and wildlife while protecting the banks and two pump stations, and preventing several tons of soil loss.
- Served 10 cooperators, with 7 Best Management Practices (BMP) installed that protected, enhanced, and/or restored over a mile of lake and stream banks, and provided additional fish & wildlife habitat.

- Foster Creek Conservation District
  - *Implementation of a biocontrol program to control invasive weed species. This has resulted in over fifty site visits with the improvement of water quality and habitat on approximately sixty properties within Douglas County.*
  - *Photo monitoring on over 1,000 acres of biocontrol releases to ensure that BMP's are working properly.*
  - *Stream monitoring on over one-hundred forty miles of stream in Douglas County which will result in the improvement of riparian area along approximately fifty miles of stream in Douglas County.*
  - *The development of a GIS for Douglas County. This information is used in assisting district personnel in developing farm plans and addressing several natural resource issues.*
- Franklin Conservation District
  - *Two growers received technical assistance and \$29,515 in financial assistance to convert rill irrigation to more efficient sprinkler irrigation.*
  - *Five rill fields covering 136 acres were converted to 2 center pivots and 1 wheelline.*
  - *Crop water use charts were published weekly in 2 newspapers during the 2003 growing season.*
- Grays Harbor Conservation District
  - *Assessed 142 miles of previous riparian projects completed since 1994. Projects include livestock exclusion and riparian buffers. 99% of previously installed practices are still in place and functioning for 140.5 miles of protected waterways*
  - *Provided \$79,819.21 in cost share to 6 operators. Predominance of funding was used by 5 dairy operators to improve utilization and application of dairy nutrients to fields thus protecting ground and surface water from contamination by implementing 10 BMP's. Also installed 1.250' of woven fencing with an average setback of 80' for livestock exclusion.*
- Jefferson County Conservation District
  - *Funds used to monitor water quality at 16 stations in Chimacum Cr. watershed, and provide results to watershed landowners.*
  - *Removal of 1,000 cu. yds of sediment from Chimacum Cr. sediment basin, protecting 1.3 miles of salmon spawning habitat.*
  - *Monitoring of intra-gravel dissolved oxygen to evaluate salmon spawning habitat in 2 watersheds.*
  - *Monitoring of fish utilization before and after construction of fish habitat improvement projects to document improvements.*
  - *Participation in WRIA 17 Watershed Planning efforts.*
  - *Assisted Wild Olympic Salmon with summer chum salmon re-introduction in Chimacum Cr.*
  - *Published a quarterly newsletter informing 600 recipients about CD water quality efforts.*
- King Conservation District
  - *Implemented 193 water quality Best Management Practices, including waste storage facilities, waste utilization, pasture management, nutrient management, livestock fencing, tree and shrub establishment, and cover crop management.*
- Kitsap Conservation District
  - *Water Quality Implementation funds accounted for:*
    - *24 signed and approved cost share incentive program applications*
    - *\$27,856 in cost share reimbursements to 15 Kitsap County small farmers*
    - *5,876 feet of livestock exclusion fencing*
    - *6 waste storage structures, 380ft of underground outlets, 385ft of livestock crossings among others*
    - *Funding support for 8 BMP designs by the Olympic Cluster engineer*
- Kittitas County Conservation District
  - *Water Quality Implementation funds utilized for cost share reached nearly \$3,000 (included in the total paid to landowners). The Kittitas County PAM Cost Share Program has resulted in thousands of tons of soil saved since the 1999 irrigation season. This program matches funds from the landowner, Kittitas County Public Works and the Conservation Commission through the*

	<b>Acres Enrolled</b>	<b>Estimated Tons of Soil Saved</b>	<b>Cost Share Paid to Landowners</b>
<b>1999</b>	933	1,314	\$ 1,852
<b>2000</b>	1,566	7,562	\$ 7,562
<b>2001</b>	2,737	12,418	\$ 7,327
<b>2002</b>	1,928	9,774	\$ 6,255

implementation grants. Above are the results of the first four seasons of this program. Number of applications per year is between 15 and 20. Cost share is at 50% with a \$1,000 per landowner cap.

- One hundred and sixty five GIS farm plan maps were provided to landowners for their use in conservation planning.
- KCCD designed a gated pipe system to prevent the movement of sediment and bacteria into the irrigation water downslope of a feedlot. Approximately \$4,000 was spent on the equipment and supplies needed to install the practice. Practice installation will occur in the fall of 2003.
- Lewis County Conservation District
  - 5,082 feet of fencing
  - Cost share in the amount of \$131,048.19 reimbursed to 12 cooperators for 5082 feet of fencing, 7 manure spreaders, 1 roof runoff system with conveyance line, 2 diesel pumps and 1 big gun and reel with hose.
- Lincoln County Conservation District
  - The district was able to offer funding to 4 cooperators to construct terraces for a total of 13,970 feet.
  - The district was also able to offer cost share to: 4 cooperators develop a total of 10 acres of grass waterways, 2 cooperators for cross fencing of 5280 feet, 2 cooperators install 4 watering livestock watering tanks, 1 cooperators with a sediment basin structures and help 2 cooperators close 5 abandoned wells.
  - A Reserve Osmosis Appliance was purchase to help reduce nitrates in 5 households' drinking water.
- Mason Conservation District
  - MCD has been able to accomplish the following with the funding provided through the Commission in the form of the Implementation Grant. Assist 34 landowners with technical support of which 12 landowners were awarded cost share funds totaling over \$ 15,000. Over 6,000 feet of riparian fencing was constructed, 1,220 feet of cross fencing along with other BMPs and 3 in stream projects were completed.
- North Yakima Conservation District
  - Ahtanum Ridge Business Park Project: Planted and maintained a riparian buffer along a 2700' corridor of Wide Hollow Creek. BMP's included "riparian forest buffer", and control of noxious weeds.
  - Monson Project phase 1 Project: Planted and maintained a riparian buffer along 1200' of Taylor Ditch (side channel of the Yakima River). BMP's included tree and shrub planting and control of noxious weeds.
- Okanogan Conservation District
  - A wildland fire changed the hydrology for a neighboring area causing springs to come up in the middle of a livestock feed yard on a sloped area.
  - Installed 3 spring developments and 1,200 feet of pipeline in order to redirect the water.
- Pacific Conservation District
  - Provided technical assistance in the implementation of riparian buffers, Road decommissioning, culvert replacements, salmon recovery and Cranberry BMPs that have and will improve water quality for years to come.
  - Provided technical assistance to 74 cooperators and or groups, # of Best Management Practices (BMP) installed, replaced culvert that opened up 2.5 miles of spawning and rearing habitat, 114

*acres of riparian buffer were created and decommissioned 3.0 miles of unstable forest roads. Technical assistance of on the ground projects encompassed 60% of the total budget.*

▪ Palouse Conservation District

- *Provided on-phone technical assistance to 160 customers, in-office technical assistance to 59 customers, and on-site technical assistance to 32 customers. The majority of this assistance related to conservation tree and shrub establishment (site inventory/assessment, weed control, wildlife damage control, etc.) and livestock conservation planning.*

▪ Palouse Rock Lake Conservation District

- *Over 3 miles of riparian zone planted to trees and shrubs*
- *Water quality monitoring on Rock Creek*
- *2 miles of grassed waterway installed*

▪ Pend Oreille Conservation District

- *Four water quality projects were implemented: 1) Livestock exclusion fencing of approximately 13 acres of wetland and forested wildlife habitat in addition to a two-acre pond. This was Phase II of a hardened crossing. 2) As Phase I for another landowner, POCD cost shared on 1000 feet of livestock exclusion/riparian fencing. 3) Cost share was given on reseeding of old skid trail roads to reduce erosion and sediment transportation to an important stream. 4) The last project was to repair a "Sand Boil" on a dike holding back the Pend Oreille River.*

▪ Pierce Conservation District

- *Assisted in creation of local Agricultural Conservation Easement Program.*
- *Worked with 14 cooperators to install 13 Best Management Practices (BMP), protecting and enhancing over five acres of riparian wildlife habitat.*

▪ Pine Creek Conservation District

- *392 acres of new filter strips designed and installed*
- *450 acres of new contour buffers designed and installed*
- *1,248 acres of new CRP planned and installed*
- *32 existing CRP contract revisions made*
- *3 new EQIP (Environmental Quality Incentives Program) plans/contracts implemented*
- *2 farm ponds/sediment basins installed*

▪ Pomeroy Conservation District

- *Three funding sources were used this year to implement BMP practices to reduce upland erosion and improve the water quality of the streams within the Pomeroy CD. The funds used were the Conservation Commission Implementation Grant, Interagency for Outdoor Recreation, and BPA. Under these funding sources the following practices were implemented. The following soil savings is calculated using the Revised Universal Soil Loss Equation (RUSLE), which is a formula for calculating soil erosion and runoff.*

- *No-till Seeding – 1,713 acres at a cost of \$25,697 saving 9,978 tons of soil*
- *Direct Seeding – 930.6 acres at a cost of \$9,306 saving 4,788 tons of soil*
- *Fencing – 1,500 ft. at a cost of \$605.96*

*We still have 5 participants in our 5-year no-till program. Several of them are entering their 5th year with mixed results. Two participants had problems with the invasion of Rattail Fescue and some weeds that seem to be building a resistance to herbicides and were not able to finish the entire program. This is a problem that several producers are running into and at this time the only real solution is a cultivation to control the fescue.*

*The cost sharing of upland conservation practices is reducing each year. This is because the board of supervisors placed a 3-year limitation on no-till and direct seed to better distribute the limited funding between operators. Many of the operators in our county have reached those limitations and are not eligible to receive further cost share for that practice. Even though our cost sharing of these practices has went down, a majority of these farmers have adapted these practices into their regular farming operations.*

- San Juan County Conservation District
  - *Engaged 15 landowners in on-the-ground conservation planning and BMP implementation, established the district's first local cost share program, assisting five of those cooperators.*
    - *8,200 feet of fencing installed*
    - *107.5 acres placed into prescribed grazing*
    - *56.5 acres protected by use exclusion*
    - *12 acres placed under upland wildlife habitat management*
    - *Resource management plan implemented on 46.5 acres*
    - *2 manure composting facilities constructed*
    - *10,980 square feet of firebreak established*
    - *7 acres of forest stand improvement*
    - *18.5 acres under nutrient management*
    - *One pond constructed for irrigation and surface water management*
    - *Other BMPs put in place: roof runoff management, heavy use area protection, brush management.*
  - *Provided general technical assistance to over 175 additional landowners.*
- Skaagit Conservation District
  - *Ten conservation plans were completed.*
  - *Four pasture management plans were completed.*
  - *SCD personnel provided technical assistance for the following design/implementation projects: a roof runoff management system, a silage leachate collection system, a compost system, an underground outlet design, a solid waste storage structure, and a stock water design.*
  - *Encouraged participation through design and mailing of a Small Farm Program brochure.*
- Snohomish Conservation District
  - *On the Aya Walksfar farm near Oso, 1,000 feet of use exclusion fencing was installed with an average 50' buffer on Swede Heaven Creek to keep horses out of the salmon stream. SCD cost-share funded a Roof Runoff Management system. Aya planted over 2,000 trees and shrubs with her own money along the stream and is coordinating with neighbors to solve a drainage problem affecting her property by creating a wildlife wetland area with many partners. Aya and her family the SCD 2002 Wildlife Farm of the Year.*
  - *A Roof Runoff project designed for Emerald Glen Farms involved many large buildings, conveyance lines and a catch basin. Previously, water ran off the barns into a large manure pile and livestock paddocks. Initially a small project, it proved more difficult due to hidden underground slabs (three deep, see photo), concrete remnants and old conveyance lines on the historic dairy farm property. For SCD engineers this was one of the most difficult retrofits. DOE funds were also used to assist with waste storage and riparian plantings on this farm.*
  - *SCD staff completed the following water quality practices on small farms: 83 acres of Brush Management, 18,436 feet of Fencing, 23 acres of Filter Strips, 3276 feet of Fish Stream Improvement, 48 acres of Heavy Use Protection, 306 acres of Planned Grazing Systems, 22 acres of Range Seeding, 68 Roof Runoff Management systems, 43 acres of Use Exclusion and 17 Waste Management systems.*
- South Douglas Conservation District
  - *By having the equipment available to district cooperators, less soil and wind erosion occurred. 1,600 acres tilled. Provided cost share funds to four cooperators for conservation water retention pond and emergency spillway and 6,450 feet of terraces.*
- South Yakima Conservation District
  - *Twenty producers implemented projects treating a total of 265.9 acres. Ten of the projects are in the Granger Drain HUA treating 66.7 acres. Projects included (10) rill to sprinkler conversions, (7) pasture improvements, and (6) sets of installed soil moisture sensors with data loggers.*
- Spokane County Conservation District
  - *Completed 5 RMS farm plans on 5,484 acres.*
  - *Installed one 5,000 ft. grassed waterway.*



- *Constructed two sediment basins.*
- *Collected 35 water quality samples.*
- *Sponsored and organized one water quality workshop with 20 2<sup>nd</sup> and 6<sup>th</sup> graders attended.*
- *Completed one culvert replacement project.*
- Stevens County Conservation District
  - *A portion of the Conservation Commission Implementation grant funds were used as supplemental funding for a USGS/WRIA 59 Team project to develop a calibrated groundwater flow model for the Colville River Watershed (WRIA 59), comprising 650,000 acres or approximately 46% of Stevens County containing 85% of the Counties population. The USGS final report is published as "Water Resources of the Ground-Water System in the Unconsolidated Deposits of the Colville River Watershed, Stevens County, Washington". Municipalities, water purveyors, and the County will utilize the information and the groundwater flow model for current and future planning to address water supply issues.*
  - *The District contracted with a consulting firm to conduct a technical assessment of multi-purpose water storage opportunities within WRIA 59 for the WRIA 59 Team. The Team will use the results of the assessment for implementing future water storage options within WRIA 59.*
  - *655 water quality and macroinvertebrate samples were taken in WRIA 59 and WRIA 61 resulting in 2,438 samples analyzed.*
  - *Six data loggers were installed to gather air and water temperatures.*
- Thurston Conservation District
  - *TCD assisted over 50 landowners on more than 300 acres by purchasing and loaning out a ground-driven manure spreader. We also developed a display, a video and brochures to market the spreader program.*
  - *We provided 450 soil tests and conducted water quality testing on 19 streams to monitor/evaluate the effectiveness of BMPs.*
  - *Produced a public access TV show on water quality tips & proper nutrient application.*
  - *We evaluated our services to the community by conducting a "customer evaluation"*
- Underwood Conservation District
  - *Installation of 26 grade control structures in district streams.*
  - *Planting of 1,620 trees under Cost-share program in the White Salmon watershed that help shade district streams.*
  - *Maintenance of 9,100 feet of fence in Rattlesnake creek drainage, helping to keep cattle from the creek and enhancing water quality.*
  - *Coordination of 14 meetings of Jewett Creek Streamkeepers and White Salmon River Watershed Management Committees, providing forums for information exchange, project review, and landowner education.*
  - *Construction of and maintenance of 27 erosion control water bars along Weldon Wagon Trail, decreasing erosion into streams.*
- Upper Grant Conservation District (Administering district for the following cluster of conservation districts: Upper Grant, Warden, Othello and Moses Lake)
  - *With the aid of GWMA (Ground Water Management Area) funding, 62 IWM Cost Share contracts were written.*
  - *251 growers and local agencies were provided with GIS mapping services.*
  - *County Commissioners updated on District activities on a monthly basis.*
  - *IWM Workshop, Tradeshow, and Field Day.*
  - *El Oro Feedlot Field Day highlighting BMP practices implemented.*
  - *Natural Resource Assessment in Sand Hollow watershed.*
- Wahkiakum Conservation District:
  - *Assisted two landowners on Puget Island with the construction of 6,000 feet of fence to exclude livestock access to drainage ditches.*
  - *Constructed exclusion fencing and planted riparian vegetation along Nikka and Thadbar Creek in conjunction with project to restore fish access.*



- Assisted a landowner in Deep River with a wetland restoration plan and project proposal that was presented for salmon recovery funding but unfortunately was not funded.
- Walla Walla County Conservation District
  - *Water Quality funds were used to leverage state funds at a 1 to 2 ratio to ensure the success of two district programs.*
    - *As part of our Four-Schools stream restoration project, we completed the riparian buffer portion of the Walla Walla High School project, reducing chemical runoff into the stream and protecting the endangered fish using the waterway, as well as providing an outdoor classroom.*
    - *The sediment reduction program is reducing sediment transfer to area waterways at a rate of 342 tons per year.*
  - *Water Quality funds were used in an emergency to rebuild flood-damaged fencing. The fence protected a riparian buffer and a vulnerable river from livestock damage*
- Whatcom Conservation District
  - *Worked with Whatcom County to establish an effective Farmland Protection Strategy, including a Purchase of Development Rights Program, to avoid negative impacts of conversion of prime farmland to urban uses.*
  - *Leveraged WA Department of Agriculture funds to complete phases of a Comprehensive Irrigation District Management Plan for targeted watersheds in Whatcom County.*
  - *Using the AWC Maintenance Guidelines Manual, provided technical assistance to drainage districts regarding re-establishment of riparian corridors. This resulted in a drainage improvement and restoration plan for Johnson Creek and in the District receiving approximately \$50,000 per year for four years (beginning in 2004) through a CCWF grant to Whatcom County.*
- Whidbey Island Conservation District
  - *1 pasture management workshop with 8 attendees*
  - *2 horses for clean water workshops with 35 attendees*
  - *500 Children educated on water quality at Penn Cove Water Festival*
  - *100 adults visited the information and education display at Penn Cove Water Festival*
  - *5 Forest Stewardship Plans completed*
  - *1 Forest Stewardship Coached Planning short course*
  - *Hosted soil survey meetings with agencies, organizations and business community*
  - *Hosted use of soil survey for Island County officials*
- Whitman Conservation District
  - *Technical assistance provided to 10 livestock operators for review of the Department of Ecology's water concerns with the livestock operations.*
  - *Continued 30 miles stream assessment on Alkali Flat Creek, Almota Creek and Penawawa Creek for limiting factors for drainage to the Snake River.*
  - *Technical and financial assistance provided through the newly developed District Cost-Share Program to 4 landowners resulting in 4,250 ft of pipeline, 7 troughs, and 3,100 ft of fencing to be installed improving water quality by reducing access to the Snake River drainages.*
  - *392 Customers were assisted by phone or in-person.*
  - *Participation in Snake River Recovery efforts through Lead Entity.*
  - *Participation in WRIA 34 and WRIA 35 Planning Sessions.*
  - *Participation in the Palouse Sub-Basin Planning with Palouse Rock Lake CD, and participation in the Snake Sub-Basin Planning with Pomeroy CD.*

**Washington Conservation Districts**  
**Assisting Land Managers With Their Conservation Choices**